



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**PGT Industries
P.O. Box 1529
Nokomis, FL 34274**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series 2500 Aluminum Sliding Glass Door w/ Steel reinforcement

APPROVAL DOCUMENT: Drawing No. 742, titled "SGD-2500," sheets 1 through 8 of 8, dated 03/18/98 and last revised on 01-14-03, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA replaces and revises NOA # 01-0724.01 and, consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



**NOA No 02-0702.09
Expiration Date: December 6, 2006
Approval Date: February 06, 2003
Page 1**

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **742**, titled "SGD-2500," sheets 1 through 8 of 8, dated 03/18/98 and last revised on 01-14-03, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E.

B. TESTS

1. Additional verification test per TAS 202-94(structural only), test report No. FTL02080 (FTL3596) dated October 01, 2002 for XXX aluminum sliding glass door, issued by Fenestration Testing lab, signed and sealed by Joseph chan, P. E.
2. Test report on Air Infiltration Test, Uniform Static Air Pressure Test, Water Resistance Test, and Forced Entry Resistance Test, for Vinyl Tech, Inc./P.G.T., prepared by Fenestration Testing Laboratory, Inc., Report No. **FTL-1183**, dated May 9, 1995, signed and sealed by Yamil Gerardo Kuri, P.E. Tests completed on May 9, 1995. **(Transferred from file#01-0724.01)**

C. CALCULATIONS

1. Comparative analysis dated 07-19-01, prepared, signed and sealed by Robert L. Clark, P.E.
2. Comparative analysis dated June 2, 1995, prepared by Structural Design, Inc., signed and sealed by Farrokh Rasekhi, P.E. **(Transferred from file # 01-0724.01).**

D. MATERIAL CERTIFICATIONS

1. None.

E. STATEMENTS

1. Statement letter of conformance and "No financial interest to test laboratory dated July 19, 2001, signed and sealed by Robert L. Clark, P. E.
2. Request letter dated June 17, 2002 for revision issued by PGT, signed by Robert L. Clark, P. E.
3. Letter of agreement issued by PGT dated 09-10-2002 to conduct 3-operable panel unit for verification test per BCCO request, signed by Robert L. Clark, P. E.

D. OTHER

1. This NOA **replaces and revises** NOA **01-0724.01**. Previously related NOA(s) # **98-0218.03**.

Ishaq I. Chanda

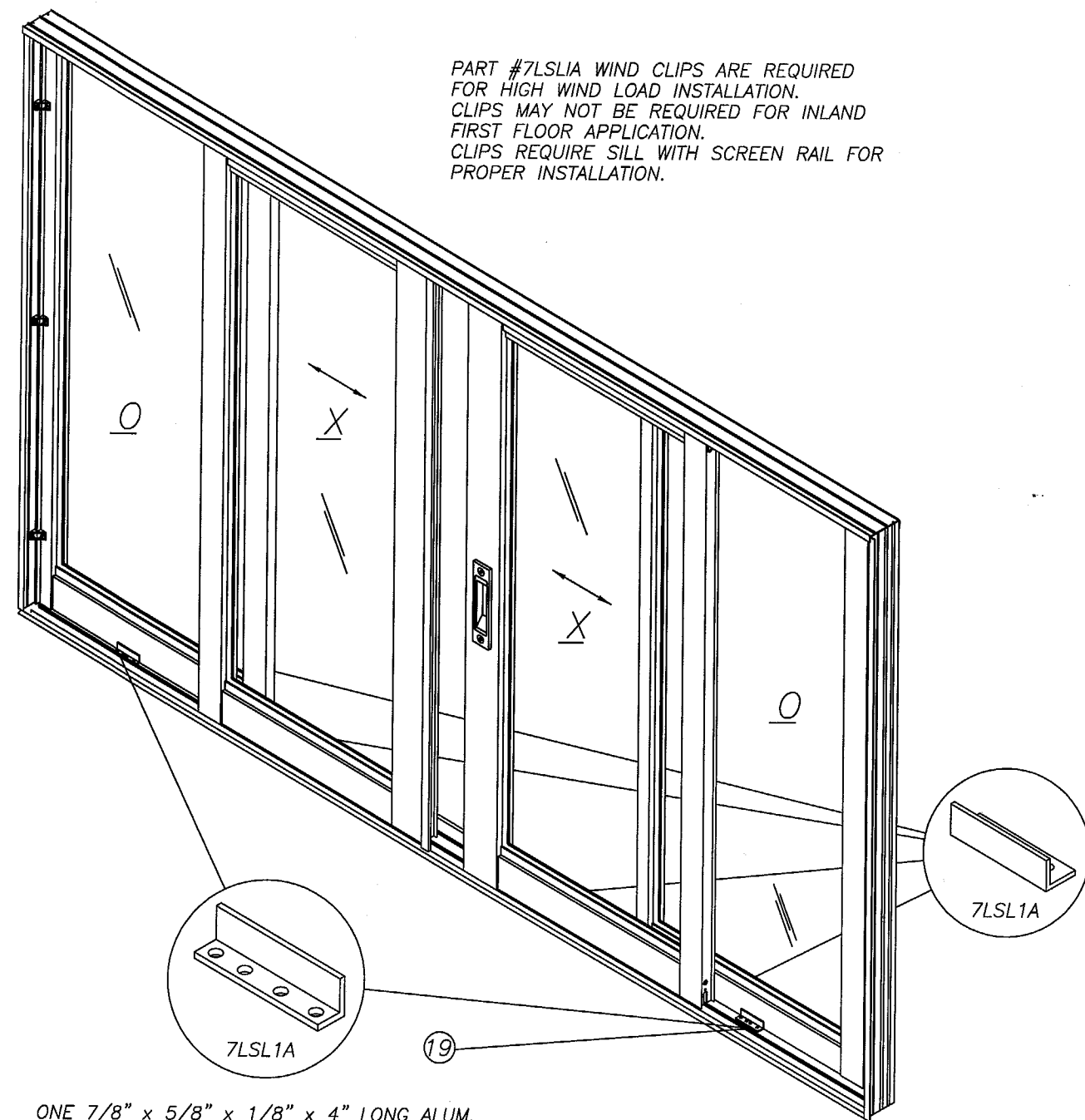
Ishaq I. Chanda, P.E. Product Control Examiner

Product Control Division

NOA No 02-0702.09

Expiration Date: December 6, 2006

Approval Date: February 06, 2003



PART #7LSL1A WIND CLIPS ARE REQUIRED FOR HIGH WIND LOAD INSTALLATION. CLIPS MAY NOT BE REQUIRED FOR INLAND FIRST FLOOR APPLICATION. CLIPS REQUIRE SILL WITH SCREEN RAIL FOR PROPER INSTALLATION.

ONE 7/8" x 5/8" x 1/8" x 4" LONG ALUM. RETAINER ANGLE IN FRAME SILL AT MID SPAN OF EACH PANEL BOTTOM RAIL, SECURED TO FRAME WITH FOUR #10 x 1 1/2" FLT. HEAD TAPCON TO BE FURNISHED BY INSTALLER.

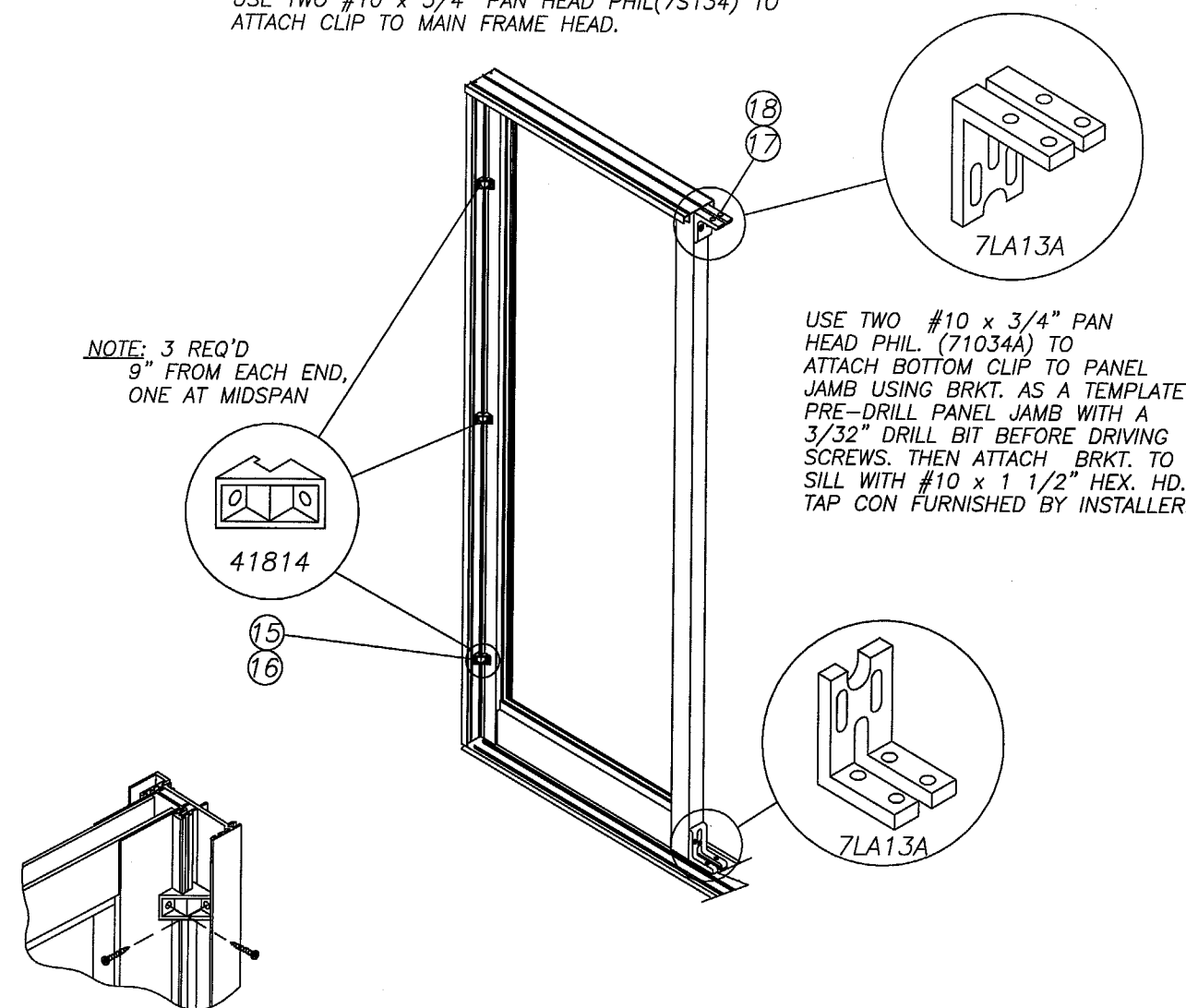
NON-IMPACT SLIDING DOORS

- 1.) GLAZING: 3/16" TEMPERED
- 2.) CONFIGURATIONS: OX, OXO, OXXO
- 3.) DESIGN PRESSURE RATING: SEE COMPARATIVE ANALYSIS TABLE SHEET 7 OF 8
- 4.) ANCHORS:
 - TYP. DOUBLE ROW OF ANCHORS IN HEAD, SILL & JAMBS
 - TYP. 3" FROM CORNERS IN HEAD, SILL & JAMBS
 - TYP. 14" ON CENTER IN HEAD, SILL & JAMBS
- 5.) SHUTTER REQUIREMENT: MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORTS: FTL-1183 & FTL-3596

Robert L. Clark, P.E.
PE #39712
Structural

REMOVE TOP RAIL ASSEMBLY SCREWS AND REUSE TO INSTALL TOP FIXED PANEL CLIP TO PANEL JAMB. USE TWO #10 x 3/4" PAN HEAD PHIL(7S134) TO ATTACH CLIP TO MAIN FRAME HEAD.

NOTE: 3 REQ'D
9" FROM EACH END,
ONE AT MIDSPAN



USE TWO #10 x 3/4" PAN HEAD PHIL. (71034A) TO ATTACH BOTTOM CLIP TO PANEL JAMB USING BRKT. AS A TEMPLATE PRE-DRILL PANEL JAMB WITH A 3/32" DRILL BIT BEFORE DRIVING SCREWS. THEN ATTACH BRKT. TO SILL WITH #10 x 1 1/2" HEX. HD. TAP CON FURNISHED BY INSTALLER.

FOR FIXED SLIDING GLASS DOOR PANEL INSTALLATION USE PART NUMBER 41814 IN BRONZE, WHITE, OR SILVER TO MATCH DOOR FINISH AND INSTALL WITH #8 x 3/4" (7834AA) PAN HEAD PHILLIPS SCREW AS SHOWN.

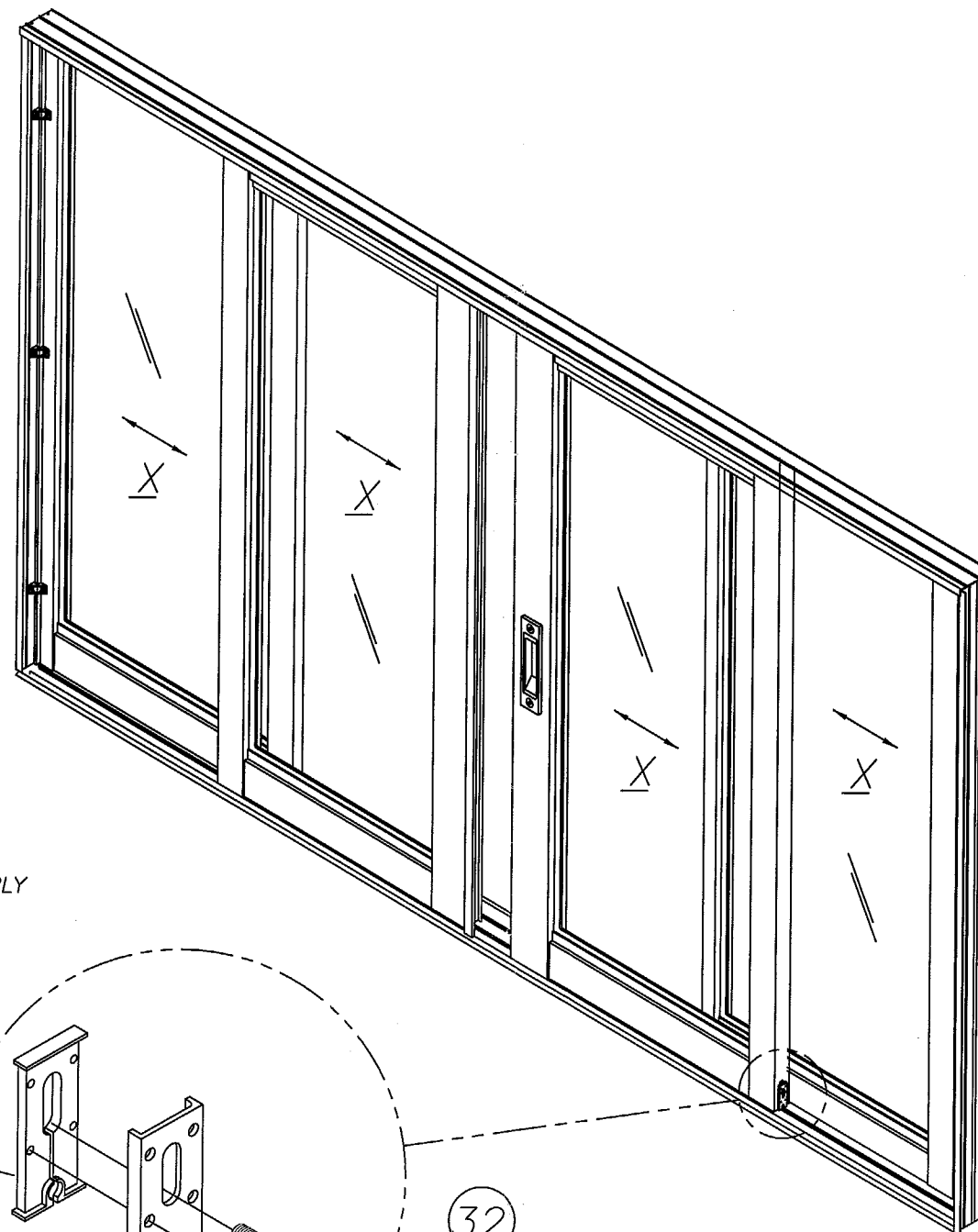
USING BRACKET AS A TEMPLATE PRE-DRILL LOCK STILE AND JAMB WITH A 3/32" DRILL BIT BEFORE DRIVING SCREWS.

USE THREE BRACKETS PER PANEL AT TOP, MIDDLE AND BOTTOM OF PANEL.

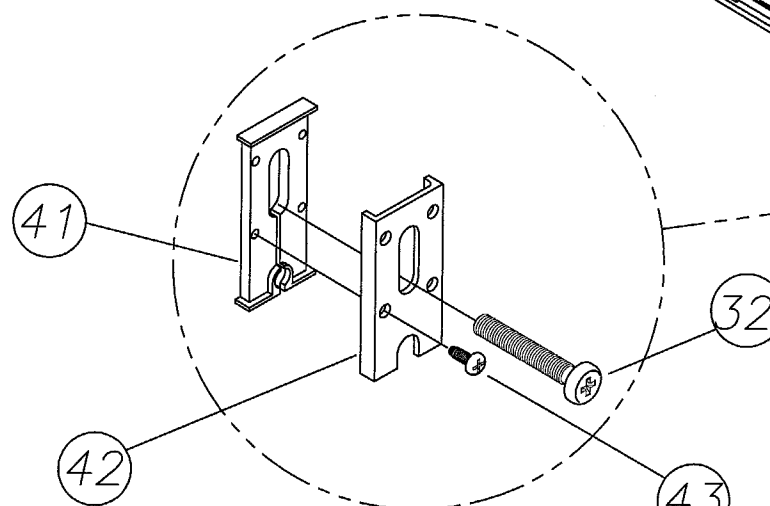
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0702-09
Expiration Date DECEMBER 06, 2006

By Ishag J. Chanda
Miami Dade Product Control
Division

Revisions: E-ADDED NOTE		VINYL-TECH / progressive GLASS technology			
F-CORRECT NOTES		Manufactures of Quality Vinyl Enclosures			
Material:		Classification:	Prod. Category:	Series/Model:	Item:
Drawn By: D.B.			SGD	2500	ELEV.
Revised By: F.K.		Date: 3/18/98			Sheet: 1 of 8
Vendor No.:		Date: 1/14/03	Description:	SGD OXXO ELEVATION w/WINDCLIPS	
Scale: N.T.S.		Address: P.O. BOX 1529	Size: B	Drawing No.: 742	Rev.: F
		NOKOMIS, FL. 34274			



(1) TRACK CLIP ASSEMBLY INSTALLED AT THE BOTTOM OF EACH MOVING PANEL INTERLOCK STILE, FASTENED TO STILE WITH SAME ASSEMBLY SCREW.



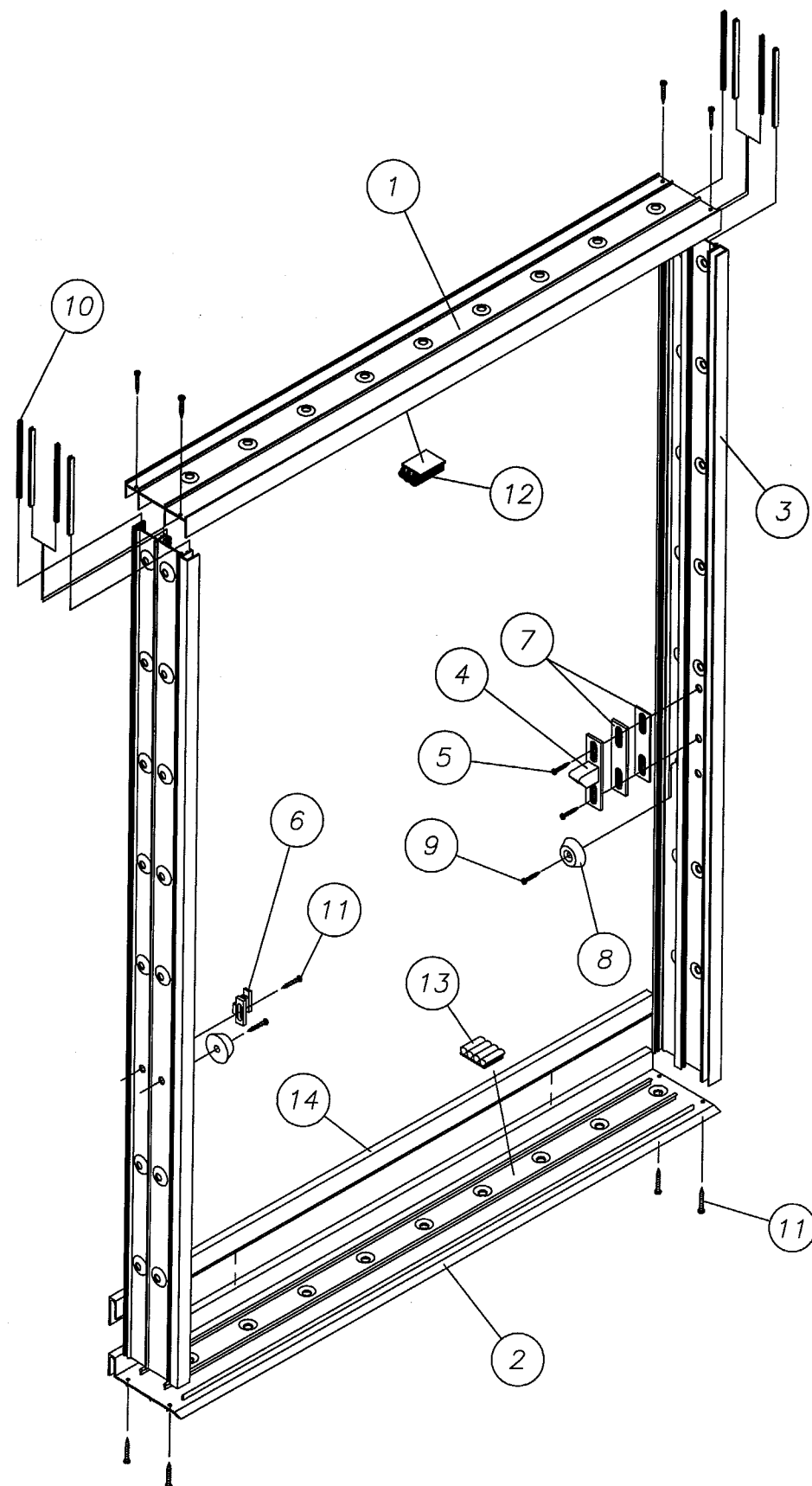
NON-IMPACT SLIDING DOORS

- 1.) GLAZING: 3/16" TEMPERED
- 2.) CONFIGURATIONS: XX, XXX, XXXX
- 3.) DESIGN PRESSURE RATING:
SEE COMPARATIVE ANALYSIS TABLE SHEET 7 OF 8
- 4.) ANCHORS:
TYP. DOUBLE ROW OF ANCHORS IN HEAD, SILL & JAMBS
TYP. 3" FROM CORNERS IN HEAD, SILL & JAMBS
TYP. 14" ON CENTER IN HEAD, SILL & JAMBS
- 5.) SHUTTER REQUIREMENT:
MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORTS: FTL-1183 & FTL-3596

Robert L. Clark, P.E.
1/14/03
Robert L. Clark, P.E.
PE #39712
Structural

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0762.09
Expiration Date DEC 06, 2006
By Isham J. Chandel
Miami Dade Product Control
Division

Revisions: E-ADDED SHT FOR XXXX		VINYL-TECH / progressive GLASS technology			
F-CORRECT NOTES		Manufactures of Quality Vinyl Enclosures			
Material:		Classification:	Prod. Category:	Series/Model:	Item:
Material:			SGD	2500	ELEV.
Drawn By:	Date:	Description:			
D.B.	3/18/98	SGD XXXX ELEVATION w/TRACK CLIPS			
Revised By:	Date:	Address:			
F.K.	1/14/03	P.O. BOX 1529			
Vendor No.:	Scale:	NOKOMIS, FL. 34274			
	N.T.S.	Size:	Drawing No.:	Rev.:	
		B	742	F	

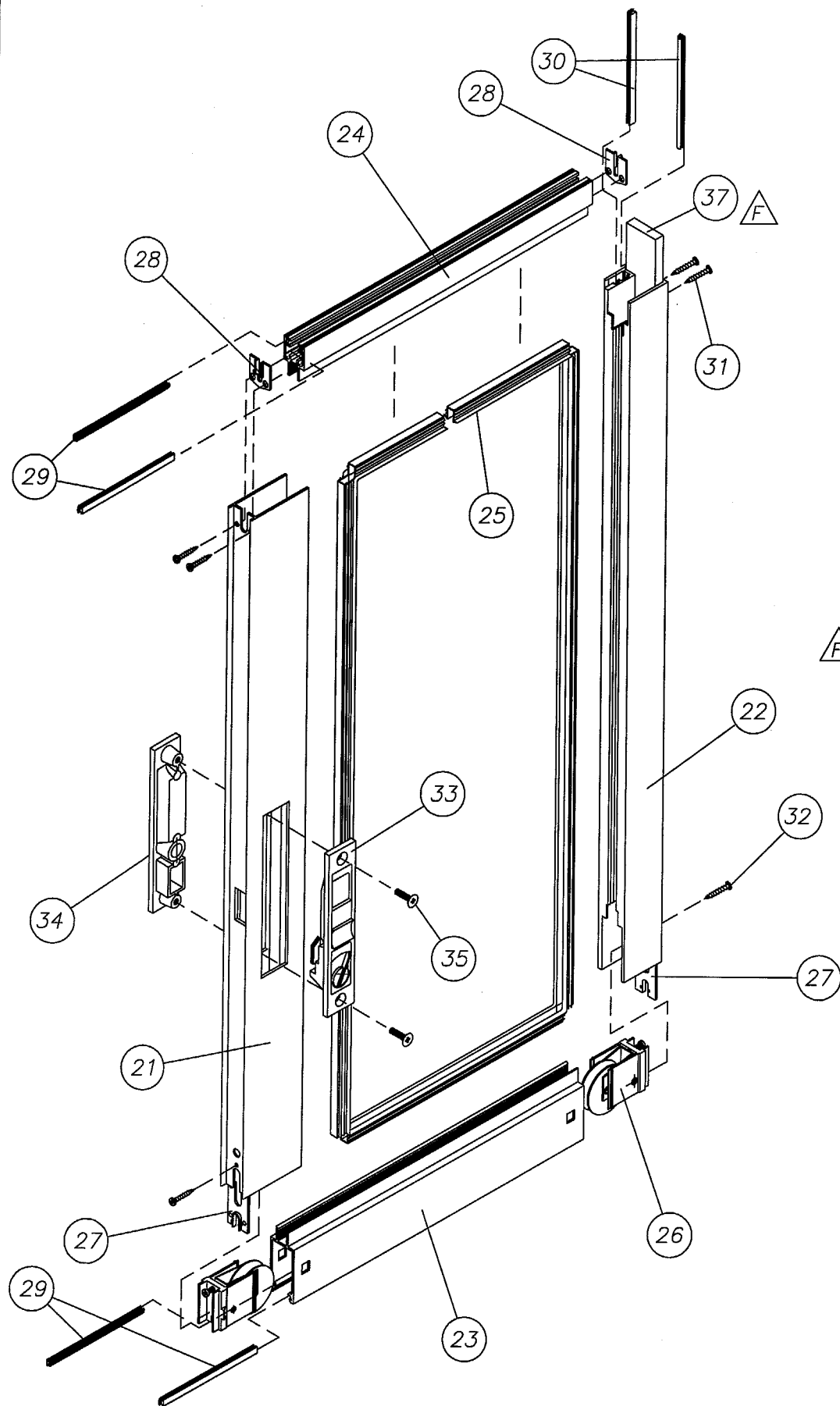


ITEM	DESCRIPTION	V.T. #	VENDOR	VENDOR #
1	FRAME HEAD - 3 TRACK	68182	ALUMAX	AF-8182
2	FRAME SILL - 3 TRACK	68184	ALUMAX	AF-8184
3	FRAME JAMB - 3 TRACK	68183	ALUMAX	AF-8183
4	LATCH KEEPER	7SDKEEP	NATIONWIDE INDUSTRIES	
5	#8 x 1/2 SCREW TRUSS HD. PHIL.	78X12TSAZ	MERCHANTS FASTENER CORP.	
6	SCREEN KEEPER	41804	VINYL TECH./PGT	
7	1/16-1/8 LATCH KEEPER SPACERS	41818K	VINYL TECH./PGT	
8	JAMB BUMPER	72087K	EASTCOAST RUBBER & PLASTIC Co.	SBR-007
9	#6 x 5/16 SCREW PAN HD. PHIL.	7PPBAA	MERCHANTS FASTENER CORP.	
10	.200x.187 JAMB WEATHERSTRIP-PILE	62003K	SCHLEGEL CORP.	FS7819-187
11	#5 x 1/2 SCREW PAN HD. PHIL.	76X12A	MERCHANTS FASTENER CORP.	
12	HEADER DUST PLUG-HIGH PILE	7P69GG	ULTRAFAB INC.	P6903G
13	SILL DUST PLUG-LOW PILE	7P30GG	ULTRAFAB INC.	P3004G
14	HI-RISE SILL	69371	ALUMAX	AF-9371
15	FIXED PANEL CLIPS	41814	VINYL TECH./PGT	
16	#8 x 3/4 Ph. Pn SMS	7834A	SCHLEGEL CORP.	
17	FIXED PANEL CLIPS	7LA13A	VINYL TECH./PGT	
18	#10 x 3/4 Ph. Pn.	71034A	ULTRAFAB INC.	
19	FIXED PANEL CLIPS	7LSL1A	VINYL TECH./PGT	
20	#10 x 1 1/2 Ph. Fl. SMS	710112FPA		

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 02-0702-09
Expiration Date DEC 06, 2006
By Ishag J. Chande
Miami Dade Product Control
Division

R. L. Clark
1/14/03
Robert L. Clark, P.E.
PE #39712
Structural

Revisions: E-NO CHG THIS SHT		VINYL-TECH / progressive GLASS technology <small>Manufactures of Quality Vinyl Enclosures</small> <small>Manufactures of Standard & Custom Glass Windows</small>			
F-NO CHG THIS SHT					
Material:		Classification:	Prod. Category:	Series/Model:	Item:
			SGD	2500	ASS'Y.
Drawn By:	Date:	Description: 3-TRACK FRAME ASSEMBLY			
D.B.	3/18/98				
Revised By:	Date:	Address: P.O. BOX 1529			
F.K.	1/14/03	NOKOMIS, FL. 34274			
Vendor No.:	Scale:	Size:		Drawing No.:	Rev.:
	N.T.S.	B		742	F



ITEM	DESCRIPTION	V.T. #	VENDOR	VENDOR #
21	LOCKSTILE	69362	ALUMAX Δ AL 6063-T6	AF-9362
22	INTERLOCK	69409	ALUMAX Δ AL 6063-T6	AF-9409
23	BOTTOM RAIL	68173	ALUMAX	AF-8173
24	TOP RAIL	68172	ALUMAX	AF-8172
25	GLAZING VINYL - 3/16"	6T304K	TEAM PLASTICS	VT304/B
26	WHEEL ASSEMBLY	7S-24Z	NATIONWIDE INDUSTRIES	
27	PLASTIC BOTTOM PANEL GUIDE	41802	VINYL-TECH. / PGT	
28	PLASTIC TOP PANEL GUIDE	41801	VINYL-TECH. / PGT	
29	.320x.187 TOP/BOTTOM RAIL W'STRIP-PILE	6FELTK	SCHLEGEL	FS7831-187
30	.200x.187 INTERLOCK WEATHERSTRIP - PILE	62003K	SCHLEGEL	FS7819-187
31	#10 x 3/4 Pn. Ph. SMS	71034A	MERCHANTS FASTENER	
32	1/4-20x1 Ph. Pn. MS - S.S.	720XIA	MERCHANTS FASTENER	
33	LATCH ASSEMBLY LOCK SIDE	7LOCKK	NATIONWIDE INDUSTRIES	
34	LATCH ASSEMBLY DUMMY SIDE	7DUMY	NATIONWIDE INDUSTRIES	
35	#10-32 x 7/8 Fl. Ph MS	71078	MERCHANTS FASTENER	
36	HEAVY DUTY ASTRAGAL	69492	ALUMAX	AF-9492
37	STEEL REINFORCEMENT - 1/2" x 1 1/4"			
38	3/16" TEMPERED		PPG. LOF	
39	1 1/2 x 3/4 ADHESIVE PILE PAD			
41	TRACK CLIP GUIDE	41754	ALUMAX	
42	TRACK CLIP COVER	6756	KEYMARK	
43	#6x3/8 PH. HD. TEK SMS	7638T2	SPENCER PRODUCTS	

NOTE:

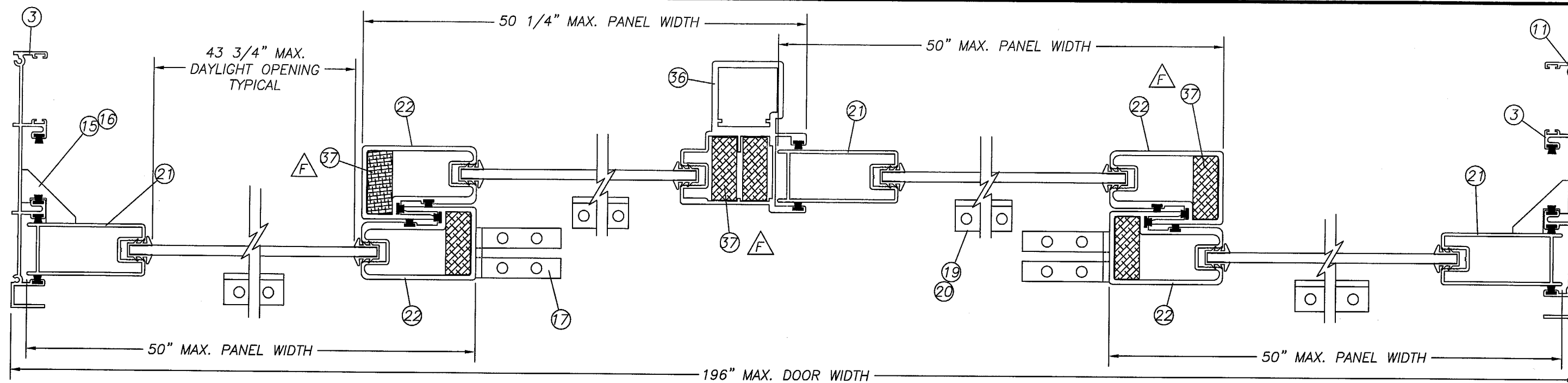
1.) ITEM #22 WILL CHANGE TO ITEM #36
 DEPENDING ON CONFIGURATION OF PANEL.
 CONFIGURATION IS OXXO.



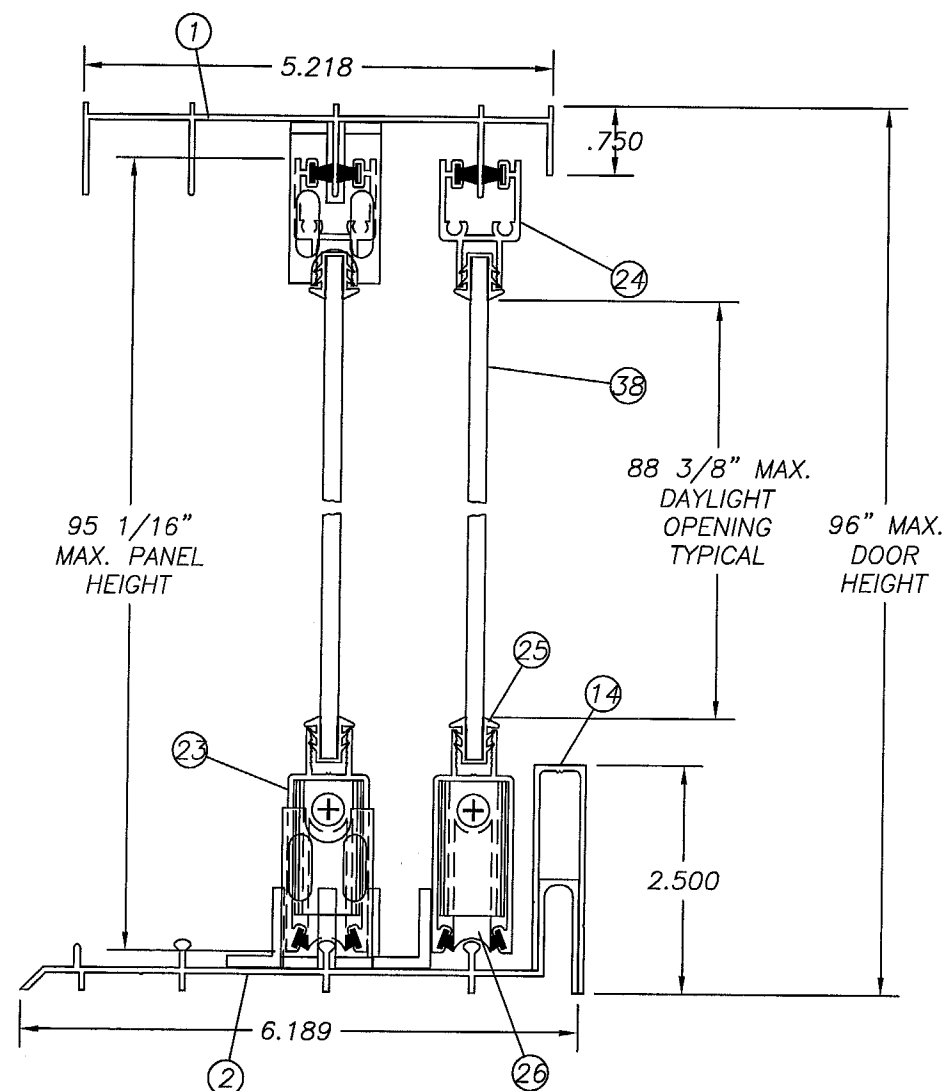
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0702.09
 Expiration Date DEC 06/2006
 By Ishag J. Chanda
 Miami Dade Product Control
 Division

Robert L. Clark, P.E.
 PE #39712
 Structural

Revisions: E-ADDED ALUM REINF. F-DEL. ITEM 40 & NOTE 2		VINYL-TECH / progressive GLASS technology <small>Manufactures of Quality Vinyl Enclosures</small>			
Material:		Classification:	Prod. Category:	Series/Model:	Item:
Material:			SGD	2500	PANEL
Drawn By: D.B.	Date: 3/18/98	Description: SGD PANEL (2500) ASSY.			
Revised By: F.K.	Date: 1/14/03				
Vendor No.:	Scale: N.T.S.	Address: P.O. BOX 1529 NOKOMIS, FL. 34274	Size: B	Drawing No.: 742	Rev.: F



HORIZONTAL SECTION (OXXO)



VERTICAL SECTION (OXXO)



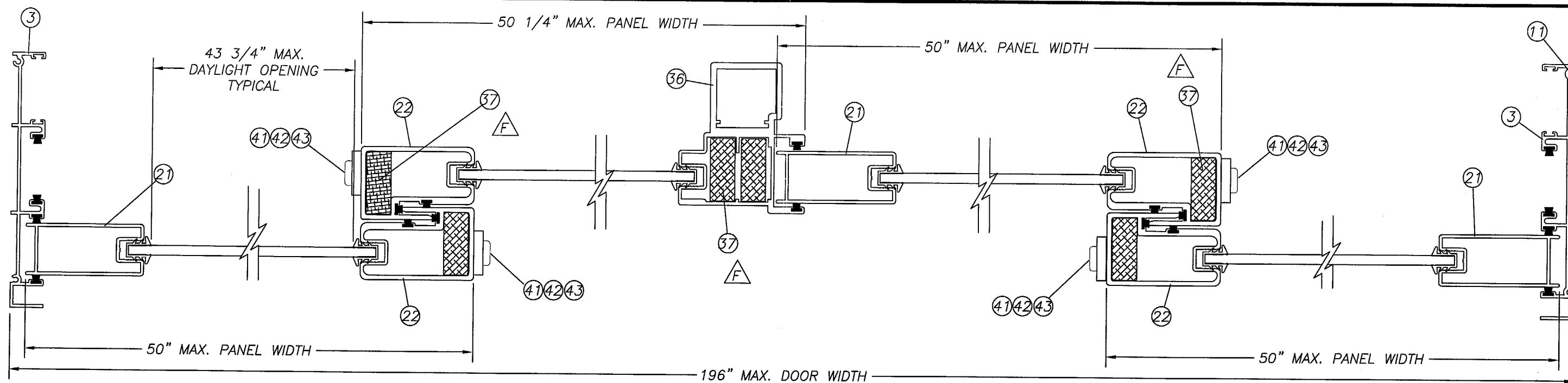
NOTE:

1.) CONFIGURATIONS: OX, OXO, OXXO

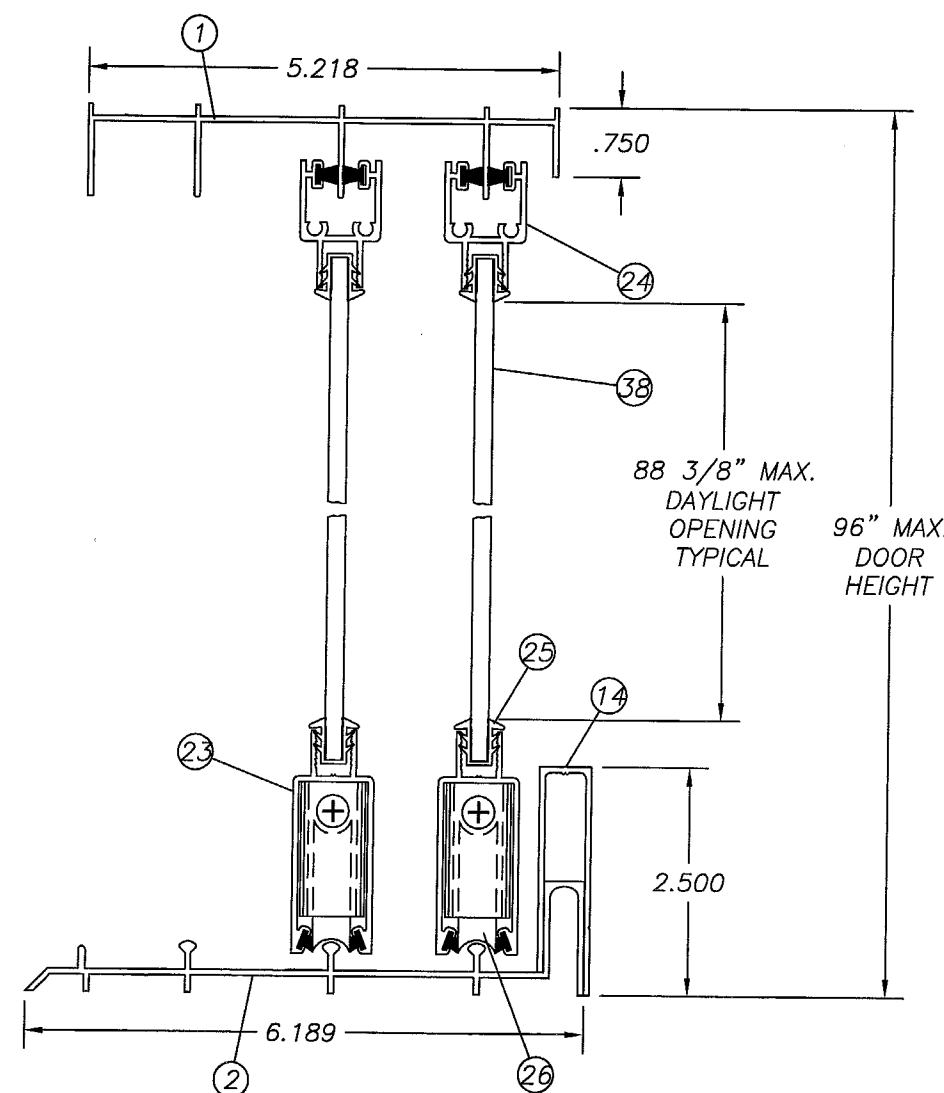
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0702.09
Expiration Date DEC 06, 2006
By *Shawn J. Lhanda*
Miami Dade Product Control
Division

Robert L. Clark
1/14/03
Robert L. Clark, P.E.
PE #39712
Structural

Revisions: E-ADDED NOTE 1		VINYL-TECH / progressive GLASS technology			
F-ADD CONFIG. & DELETE ITEM 40		Manufactures of Quality Vinyl Enclosures			
Material:	6063-T5	Classification:	Prod. Category: SGD	Series/Model: 2500	Item: SECT.
Drawn By:	D.B.	Date:	3/18/98	Sheet: 5 of 8	
Revised By:	F.K.	Date:	1/14/03	Description: SGD 2500 W/STEEL REINFORCEMENT	
Vendor No.:		Scale:	.5X	Address: P.O. BOX 1529 NOKOMIS, FL. 34274	Size: B
				Drawing No.: 742	Rev.: F



HORIZONTAL SECTION (XXXX)



VERTICAL SECTION (XXXX)



NOTE:

- 1.) CONFIGURATIONS: XX, XXX, XXXX

R. L. Clark
1/14/03
Robert L. Clark, P.E.
PE #39712
Structural

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0702-09
Expiration Date DEC 06/2006
By *Isagel-L. L. L.*
Miami Dade Product Control
Division

Revisions: E-NEW SHT		VINYL TECH / progressive GLASS technology			
F-ADD CONFIG. & DELETE ITEM 40		Manufactures of Quality Vinyl Enclosures			
Material:	6063-T5	Classification:	Prod. Category:	Series/Model:	Item:
Drawn By:	D.B.		SGD	2500	SECT.
Revised By:	F.K.	Description:	SGD 2500 W/STEEL REINFORCEMENT		
Vendor No.:		Address:	P.O. BOX 1529 NOKOMIS, FL. 34274	Size:	Drawing No.:
				B	742
		Scale:	.5X	Rev.:	F

Sheet: 6 of 8

Negative Design Loads based on Comparative Analysis (p.s.f.) and Glass Table ASTM E 1300-98

Door Heights	Door Widths											
	48.000	60.000	72.000	96.000	72.000	90.000	108.000	144.000	96.000	120.000	144.000	192.000
72.000	119.00	118.00	116.00	103.00	119.00	118.00	116.00	103.00	119.00	118.00	116.00	103.00
80.000	117.36	110.11	104.40	96.31	117.36	110.11	104.40	96.31	117.36	110.11	104.40	96.31
96.000	85.61	80.57	76.47	70.32	85.61	80.57	76.47	70.32	85.61	80.57	76.47	70.32
OX,XO or XX				XOX, OXO or XXX				OXXO or XXXX				

Positive Design Loads based on Comparative Analysis (p.s.f.) and Water Test Pressure

Door Heights	Door Widths											
	48.000	60.000	72.000	96.000	72.000	90.000	108.000	144.000	96.000	120.000	144.000	192.000
72.000	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00
80.000	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00	78.00
96.000	78.00	78.00	76.47	70.32	78.00	78.00	76.47	70.32	78.00	78.00	76.47	70.32
OX,XO or XX				XOX, OXO or XXX				OXXO or XXXX				

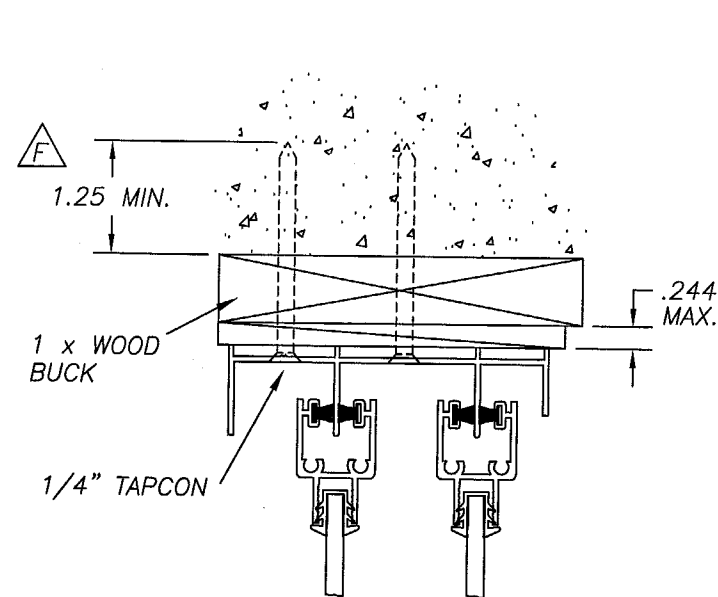
NOTES:

- 1.) REFERENCE: TEST FTL-1183 & FTL-3596
- 2.) DESIGN PRESSURE RATING:
SEE COMPARATIVE ANALYSIS TABLES
- 3.) SHUTTER REQUIREMENT:
MIAMI-DADE COUNTY APPROVED SHUTTERS ARE
ARE REQUIRED AT ALL INSTALLATIONS.
- 4.) STEEL REINFORCEMENTS REQUIRED AT MEETING
STILES AND INTERLOCKS.
- 5.) GENERAL:
D/O HEIGHT = DOOR HEIGHT -4.75"
D/O WIDTH = DOOR WIDTH -3.75"
D/O = DAYLIGHT OPENING

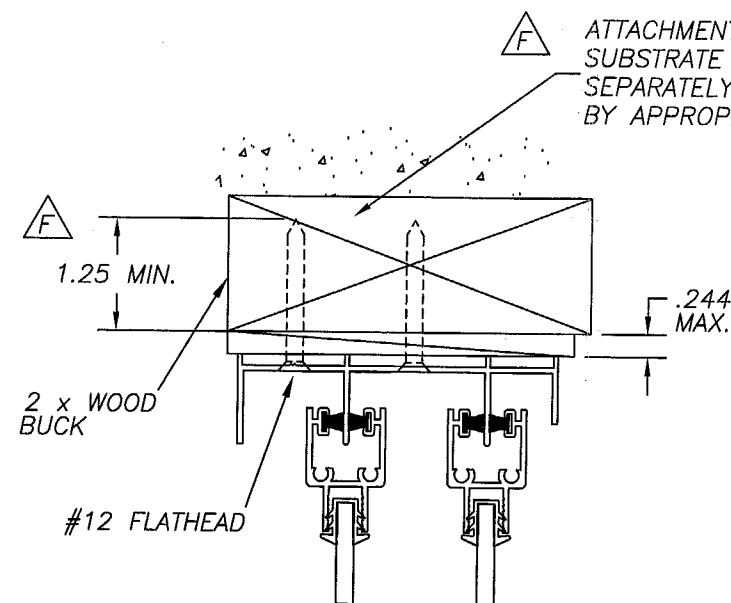
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0702-09
Expiration Date: Dec 06, 2006
By: Ishag I. Chaudhry
Miami Dade Product Control
Division

R. L. Clark
1/14/03
Robert L. Clark, P.E.
PE #39712
Structural

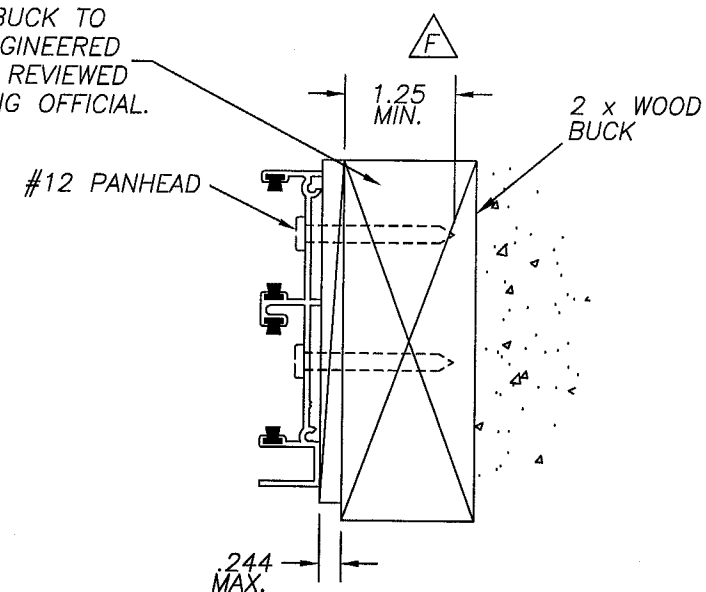
Revisions: E-ADD TEST REPORT		VINYL-TECH / progressive GLASS technology <small>Manufactures of Quality Vinyl Enclosures</small> <small>Manufactures of Standard & Custom Glass Windows</small>					
F-ADD NOTE 5.							
Material: —		Classification: —	Prod. Category: SGD	Series/Model: 2500	Item: FTL-1183	Sheet: 7 of 8	
Drawn By: D.B.	Date: 4/17/98	Description: COMPARATIVE ANALYSIS					
Revised By: F.K.	Date: 1/14/03						
Vendor No.:	Scale: 1X	Address: P.O. BOX 1529 NOKOMIS, FL. 34274		Size: B	Drawing No.: 742	Rev.: F	



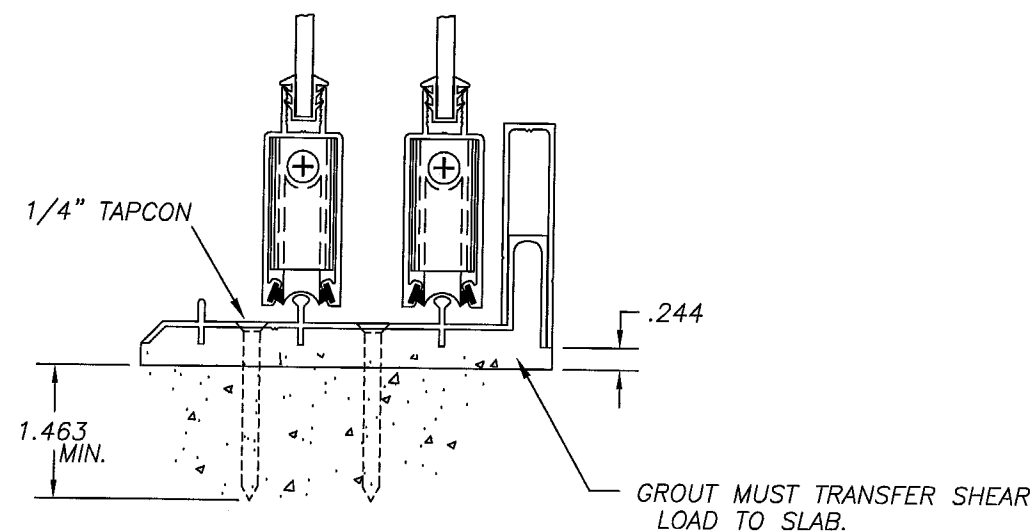
TYP. HEAD



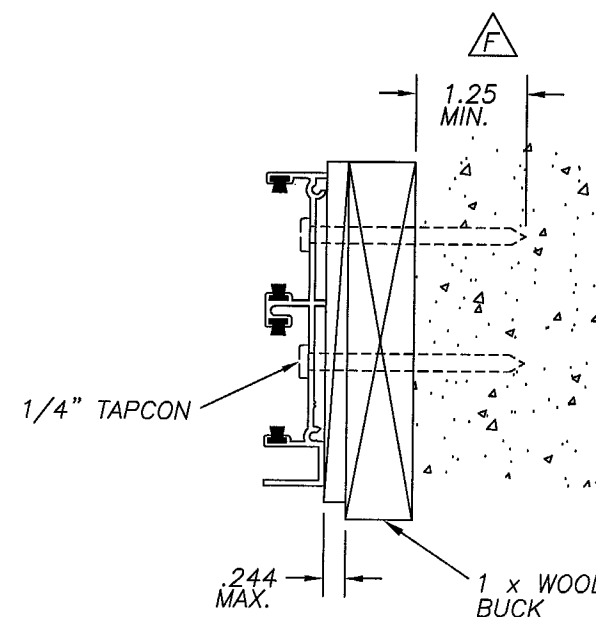
TYP. HEAD



TYP. JAMB



TYP. SILL



TYP. JAMB

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 22-0702-09
Expiration Date DECEMBER 2016
By Ishay J. Chanda
Midland Data Product Control
Division

[Signature]
1/14/03

Robert L. Clark, P.E.
PE #39712
Structural

Revisions: E-NO CHG THIS SHT		<div>VINYL TECH / progressive GLASS technology</div> <div>Manufactures of Quality Vinyl Enclosures</div> <div>Manufactures of Standard & Custom Glass Windows</div>					
F-ADD NOTE & CHG. DIM.		Classification:	Prod. Category: SGD	Series/Model: 2500	Item: ANCH.	Sheet: 8 of 8	
Material:	Description: TYPICAL ANCHORAGE DETAIL						
Drawn By: D.B.							Date: 3/18/98
Revised By: F.K.							Date: 1/14/03
Vendor No.:							Scale: N.T.S.
Address: P.O. BOX 1529 NOKOMIS, FL. 34274		Size: B	Drawing No.: 742		Rev.: F		